



# Curriculum mapbook Computer

**1<sup>st</sup>.Sec - First Term 2023 - 2024**





## the computer preparation book vision

The vision of the computer preparation notebook aims to raise the level of the teacher scientifically and educationally and thus raise the educational level (Technology) to be clear and contain all the capabilities that help the teacher manage the class in an appropriate atmosphere, using modern technology tools and taking into account the individual differences of the students

## the computer preparation book mission

- ✚ Choosing and formulating various objectives (cognitive - skill - emotional), taking into account the integrity of the formulation and the individual differences of students, using modern technology methods.
- ✚ Creating an environment that stimulates learning and creativity to raise the level of students in computer science.
- ✚ Choosing the best educational, pedagogical and administrative strategies and training them on them and developing them
- ✚ Choosing scientific methods and means in teaching and using technology to support and enhance And facilitating the educational process.
- ✚ Use a presentation to explain the lesson, simplified and comprehensive, for all points of the lesson
- ✚ Using various evaluation methods, taking into account the individual differences of students and taking into account the measurement of goals
- ✚ Conclude the lesson in an appropriate and varied manner

**Teacher**

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**Guider**

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**School manager**

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learning outcomes	current curriculum content	Strategy	Teachin gaids	calendar methods	Evidence and evidence	enrichment activities
Collaborate with his colleagues to define project's requirements	<b>Lesson 1 An Introduction to the Project</b>	Brainstorming	<b>Electronic board</b>	<b>Student's Book</b>	<b>Lesson preparation book</b>	<b>Do a research on Introduction to the Project</b>
Define Atlas Types.		discussion –				
Define project's requirements		– cooperative learning				
Define multimedia, its types, and its advantages.	<b>Lesson 2 Following an Introduction to the Project</b>	practical training				<b>Introduction to the Project</b>
Identify problem solving stages.		Dialogue and discussion				
Download one of the (Electronic Arabic Atlas) programs available on the Internet.		Problem solving				
Different between files and folders.	<b>Lesson 3 Managing Project's data</b>	Brainstorming				<b>search software</b>
Create project's folders.		Dialogue and discussion				
Understand the importance of organizing project data in folders.						
Identify electronic encyclopedia.	<b>:Lesson 4 Following Managing Project's data</b>	Brainstorming				<b>Download Windows version</b>
Looking for information using electronic encyclopedia.		Critical thinking				
Understand the importance of organizing project data in folders		practical training				

Identify Database files.	<b>Lesson 5 Collecting Project's data</b>	Dialogue and discussion	<b>Student's Book</b>	<b>Students note</b>	<b>that the student did with his classmates</b>	<b>Create files with students' names Determine the file type and properties</b>
Create a new Workbook.		practical training				
Enter data in a worksheet in the Workbook		Problem solving				
Identify some Image Editing software.	<b>Lesson 6 Edit and design images</b>	cooperative learning				<b>Network search work Program handling Gimp</b>
Distinguish between different kinds of image files.		Dialogue and discussion				
Download image files from the internet		practical training				
Add effects to picture	<b>Lesson 7 Following Edit and design images</b>	Brainstorming				
Crop a part of a picture.		Dialogue and discussion				
Save picture files with different extensions.		Critical thinking				
Identify some audio files formats ( extensions).	<b>Lesson 8 Creating and manipulating Sound files</b>	Brainstorming				
Recognize some of the audio editing applications.		Dialogue and discussion				
Download one of the sound editing programs.		Problem solving				

Add changes on audio waveforms.	<b>Lesson 9</b> <b>Following</b> <b>Creating and</b> <b>manipulating</b> <b>Sound files</b>	<b>Practical</b> <b>Training</b>	<b>Presentation</b>	<b>Interact wi presentation</b>	<b>Oral questions</b>	<b>Complex</b> <b>graphic</b> <b>design</b>
Add effects on audio waveforms.		<b>Dialogue and</b> <b>discussion</b>				
Save audio files with appropriate format (extension).		<b>Problem solving</b>				
Recognize some types of video files.	<b>Lesson 10</b> <b>Creating and</b> <b>editing</b> <b>videos</b>	<b>Brainstorming</b>				<b>Quad color</b> <b>gradients</b> <b>Professional</b> <b>image</b> <b>control</b>
Recognize some Video editing software.		<b>Dialogue and</b> <b>discussion</b>				
Download one of video editing software from the Internet		<b>Peer learning</b>				
Add effects to video clips.	<b>Lesson 11</b> <b>Following</b> <b>Creating and</b> <b>editing</b> <b>videos</b>	<b>Brainstorming</b>				<b>Create an</b> <b>image with</b> <b>layers</b>
Add transition effects between video clips.		<b>Critical thinking</b>				
Save video clips in a file with appropriate (extension)		<b>practical</b> <b>training</b>				
Identify the purpose of designing and creating a project.	<b>Lesson 12</b> <b>Establish</b> <b>Project's</b> <b>interface</b>	<b>Dialogue and</b> <b>discussion</b>				
Design a user interface for the project.		<b>practical</b> <b>training</b>				
Specify the controls that you want to use in the user interface.		<b>Problem solving</b>				

<ul style="list-style-type: none"> <li>Specify the controls that you want to use in the user interface.</li> <li>Set the properties of the controls.</li> </ul>	Lesson 13 Following Establish Project's interface	Peer learning				Use a variety of filters
Add a control to the Toolbox.		Dialogue and discussion				
		practical training				
<ul style="list-style-type: none"> <li>Write the code to open a communication channel.</li> <li>Declare the variables needed to open a communication channel.</li> </ul>	Lesson 14 Reading data from an Excel sheet	Brainstorming	the text BOOK	calendar solution	Student's Book	Adjusting the color mode of the image
Write the code for loading an Excel file into memory.		Dialogue and discussion				
Identify the most important terms of the lesson.		Critical thinking				
Solve the student's book exercises.	Lesson 15 Revision	Brainstorming				Do a Revision
Write the project's code in right way.		Dialogue and discussion				
		practical training				

